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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of 10

Complete If Known

Application Number	To-Be-Assigned 10/044,539
Filing Date	Herewith
First Named Inventor	Cech, Thomas J.
Group Art Unit	To-Be-Assigned 1672
Examiner Name	To-Be-Assigned Cech
Attorney Docket Number	015389-002630US

U.S. PATENT DOCUMENTS						
Examiner Initials *	Case No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
D M	A	08/751,189		Harrington, et al.	11/15/96	
	B	60/038,750		Counter, et al.	02/20/97	
	C	3,817,837		Tanenholz et al.	06-18-74	
	D	3,850,752		Schaura et al.	11-26-74	
	E	3,859,350		Kronick et al.	02-17-76	
	F	3,888,345		Ultman et al.	12-01-76	
	G	4,275,149		Ultman et al.	06-23-81	
	H	4,277,437		Maggio	07-07-81	
	I	4,368,241		Tom et al.	12-28-82	
	J	4,683,195		Mullis et al.	07-28-87	
	K	4,683,202		Mullis	07-28-87	
	L	4,818,567		Cabilly et al.	03-28-89	
	M	4,965,188		Mullis et al.	10-23-90	
	N	5,489,508		West et al.	02-06-98	
	O	5,683,018		Villepontieu et al.	12-10-98	
	P	5,747,317		Cao	05-05-98	
	Q	5,770,422		Collins	08-23-98	
	R	6,093,809		Cech, et al.	07/25/00	
	S	6,258,535	B1	Villepontieu et al.	07/10/01	
	T	6,261,556	B1	Weinrich et al.	07/17/01	
	U	6,281,838	B1	Cech et al.	07/17/01	

FOREIGN PATENT DOCUMENTS								
Examiner Initials *	Case No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
D M	V	JP	08154575-A			05-17-97		
	W	PCT	WO 94/03564			09-13-94		
	X	PCT	WO 95/13382			05-18-95		
	Y	PCT	WO 98/01835			01-25-98		
	Z	PCT	WO 98/12811			05-02-98		
	AA	PCT	WO 98/19580			06-27-98		

Examiner Signature	<i>Carl M. Hart</i>	Date Considered	1/4/07
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet **2** of **10****Complete If Known**

Application Number	To Be Assigned	10/644,539
Filing Date	Herewith	
First Named Inventor	Cech, Thomas J.	
Group Art Unit	To Be Assigned	1632
Examiner Name	To Be Assigned	Leyte
Attorney Docket Number		015389-002630US

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Office ³	Number ⁴	Kind Code ⁵ (If known)				
DM	AB	PCT	WO 98/40868			12-19-98		
	AC	PCT	WO 98/01542			01-15-98		
	AD	PCT	WO 98/01543			01-15-98		
	AE	PCT	WO 98/07838			03-05-98		
	AF	PCT	WO 98/08938			02-28-98		
	AG	PCT	WO 98/21343			05-22-98		
	AH	PCT	WO 98/37181			08-27-98		
	AI	PCT	WO 98/45450			10-15-98		
↓	AJ	PCT	WO98/59040			12/30/98		
	AK	PCT	WO99/01560			01/14/99		

Examiner Signature	<i>Paul M</i>	Date Considered	1/4/07
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 3 of 10

Complete If Known

Application Number	To Be Assigned 10/044,539
Filing Date	Herewith
First Named Inventor	Cech, Thomas J.
Group Art Unit	To Be Assigned 1632
Examiner Name	To Be Assigned L. C. To
Attorney Docket Number	015389-002630US

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
DA	AL	1894 Genome Issue of <i>Science</i> (26:1981)
	AM	Anderson and Young, "Quantitative Filter Hybridization" in <i>Nucleic Acid Hybridization</i> pp73-111 (1985)
	AN	Ausubel et al., <i>Current Protocols in Molecular Biology</i> , John Wiley & Sons, New York NY (1989)
	AO	Autexier et al., "Reconstitution of human telomerase activity and identification of a minimal functional region of the human telomerase RNA," (1996) <i>EMBO J.</i> , 15:5928
	AP	Auxander and Greider, "Functional reconstitution of wild-type and mutant <i>Tetrahymena</i> telomerase," (1994) <i>Genes Develop.</i> , 8:563
	AO	Berger and Kimmel, <i>Guide to Molecular Cloning Techniques</i> , Meth. Enzymol., vol. 152, Academic Press, San Diego CA (1987)
	AR	Bleasman et al., "Addition of Telomere-Associated HsT DNA Sequences "Heals" Broken Chromosome Ends in <i>Drosophila</i> ," (1990) <i>Cell</i> , 61:683
	AS	Bitter et al., "Expression and secretion vectors for yeast," Meth Enzymol., (1987) 153:516
	AT	Blackburn and Chiu, "Non-nucleosomal packaging of a tandemly repeated DNA sequence at termini of extrachromosomal DNA coding for rRNA in <i>Tetrahymena</i> ," (1981) <i>Proc. Natl. Acad. Sci.</i> , 78:2263
	AU	Blackburn and Gall, "A tandemly repeated sequence at the termini of the extrachromosomal ribosomal RNA genes in <i>Tetrahymena</i> ," (1978) <i>J. Mol. Biol.</i> , 120:33
	AV	Blackburn, "Telomerases," (1992) <i>Ann. Rev. Biochem.</i> , 61:113
	AW	Bodnar et al., "Extension of Life-Span by Introduction of Telomerase Into Normal Human Cells," (1998) <i>Science</i> , 279:349
	AX	Bradford, "A Rapid and Sensitive method for the Quantitation of Microgram Quantities of Protein Utilizing the Principle of Protein-Dye Binding," (1976) <i>Anal. Biochem.</i> , 72:248
↓	AY	Braunstein et al., "Transcriptional silencing in yeast is associated with reduced nucleosome acetylation," (1993) <i>Genes Develop.</i> , 7:592

Examiner Signature	<i>David M. To</i>	Date Considered	1/4/07
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet **4** of **10****Complete If Known**

Application Number	To-Be-Assigned <i>10/04539</i>
Filing Date	Herewith
First Named Inventor	Cech, Thomas J.
Group Art Unit	To-Be-Assigned <i>1632</i>
Examiner Name	To-Be-Assigned <i>Lito</i>
Attorney Docket Number	01S389-002630US

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DM	AZ	Calvo et al., "Identification of hnRNP P2 as TLS/PUS using electrospray mass spectrometry," (1995) RNA, 1:724	
	BA	Caruthers et al., "New chemical methods for synthesizing polynucleotides," (1980) Nucleic Acids Res. Symp. Ser., 215:223	
	BB	Chan and Tye, "Organization of DNA sequences and replication origins at yeast telomeres," (1983) Cell, 33:563	
	BC	Colbere-Garapin et al., "A new dominant hybrid selective marker for higher eukaryotic cells," (1981) J. Mol. Biol., 150:1	
	BD	Cole et al., "The EBV-hybridoma technique and its application to human lung cancer," Monoclonal Antibodies and Cancer Therapy, Alan R. Liss Inc., New York NY 77-88 (1985)	
	BE	Collins et al., "Purification of Tetrahymena telomerase and cloning of genes encoding the two protein components of the enzyme," (1986) Cell, 41:677	
	BF	Conrad et al., "RAP1 protein interacts with yeast telomeres in vivo: Overproduction alters telomere structure and decreases chromosome stability," (1990) Cell, 63:739	
	BG	Coombs, Dictionary of Biotechnology, Stockton Press, New York NY (1994)	
	BH	Cote et al., "Generation of human monoclonal antibodies reactive with cellular antigens," (1983) Proc. Natl. Acad. Sci., 80:2026	
	BI	Counter et al., "The catalytic subunit of yeast telomerase," (1997) Proc. Natl. Acad. Sci., 94:8202	
	BJ	Counter et al., (1994) Proc. Natl. Acad. Sci., 91:2800	
	BK	Creighton, Proteins, Structures and Molecular Principles, WH Freeman and Co, New York, NY (1983)	
↓	BL	Dieffenbach and Dveksler, PCR Primer, a Laboratory Manual, Cold Spring Harbor Press, Plainview NY (1995)	

Examiner Signature	<i>Dale H.</i>	Date Considered	1/4/07
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 15 of 10

Complete If Known

Application Number	To-Be-Assigned 19694539
Filing Date	Herewith
First Named Inventor	Cech, Thomas J.
Group Art Unit	To-Be-Assigned 1632
Examiner Name	To-Be-Assigned Lee
Attorney Docket Number	016389-002630US

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T *
DA	BM	Duplak <i>et al.</i> , "Quantitative analysis of polymerase chain reaction products using biotinylated dUTP incorporation," (1993) <i>Anal. Biochem.</i> , 212:229	
↓	BN	Fang <i>et al.</i> , "Oxytricha telomere-binding protein: separable DNA-binding and dimerization domains of the α-subunit," <i>Genes Develop.</i> 7:870 (1993) and Gray <i>et al.</i> , (1991) <i>Cell</i> 67:807	
U	BO	Feng <i>et al.</i> , "The RNA Component of Human Telomerase," (1995) <i>Science</i> , 269:1236	
	BP	GenBank Accession No: AA261296	
	BQ	Genbank accession no. AA299878	
	BR	Genbank accession no. AA311750	
DA	BS	Gilley <i>et al.</i> , "Altering specific telomerase RNA template residues affects active site function," (1995) <i>Genes Develop.</i> , 9:2214	
	BT	Gottschling and Cech, "Chromatin Structure of the Molecular Ends of Oxytricha Mononuclear DNA: Phased Nucleosomes and a Telomeric Complex," (1984) <i>Cell</i> , 38:501	
	BU	Gottschling and Zakian, "Telomere proteins: specific recognition and protection of the natural termini of Oxytricha macronuclear DNA," (1986) <i>Cell</i> 47:195	
	BV	Grant <i>et al.</i> , <i>Meth Enzymol.</i> , (1987) 153:516-544	
	BW	Greenwood <i>et al.</i> , "Phylogenetic relationships within the class oligohymenophorea, phylum ciliophora, inferred from the complete small subunit rRNA gene sequences of <i>Colpium campylum</i> , <i>Glaucina chattoni</i> , and <i>Opisthontes henneguyi</i> ," (1991) <i>J. Mol. Evol.</i> , 3:163	
	BX	Greider and Blackburn, "A telomeric sequence in the RNA of Tetrahymena telomerase required for telomere repeat synthesis," (1989) <i>Nature</i> , 337:331	
↓	BY	Greider and Blackburn, "Identification of a specific telomere terminal transferase activity in Tetrahymena extracts," (1985) <i>Cell</i> , 43:405	

Examiner Signature	<i>Dal H</i>	Date Considered	1/4/07
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**INFORMATION DISCLOSURE
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Sheet 6 of 10

Complete If Known

Application Number	To Be Assigned 10/044,539
Filing Date	Herewith
First Named Inventor	Cech, Thomas J.
Group Art Unit	To Be Assigned 1632
Examiner Name	To Be Assigned Lieto
Attorney Docket Number	016389-002630US

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
DM	BZ	Greider, "Telomerase is processive," (1991) <i>Mol. Cell. Biol.</i> , 11:4572
	CA	Greider, "Telomere Length Regulation," (1996) <i>Ann. Rev. Biochem.</i> , 65:337
	CB	Hampton et al., <i>Serological Methods a Laboratory Manual</i> , APS Press, St Paul MN (1990)
	CC	Harrington et al., "A Mammalian Telomerase-Associated Protein," (1997) <i>Science</i> , 275:973
	CD	Harrington et al., "Human telomerase contains evolutionarily conserved catalytic and structural subunits," (1997) <i>Genes Dev.</i> , 11:3109
	CE	Hartman and Mulligan, "Two dominant-acting selectable markers for gene transfer studies in mammalian cells," (1988) <i>Proc. Natl. Acad. Sci.</i> , 85:8047
	CF	Henderson and Blackburn, "An overhanging 3' terminus is a conserved feature of telomeres," (1989) <i>Mol. Cell. Biol.</i> , 9:345
	CG	Horn et al., "Synthesis of oligonucleotides on cellulose. Part II: design and synthetic strategy to the synthesis of 22-oligodeoxynucleotides coding for gastric inhibitory polypeptide (GIP)," (1980) <i>Nucleic Acids Res. Symp. Ser.</i> , 225-232
	CH	Hudson et al., "An STS-based map of the human genome," (1995) <i>Science</i> , 270:1945
	CI	Huse et al., "Generation of a large combinatorial library of the immunoglobulin repertoire in phage lambda," (1989) <i>Science</i> , 246:1275
	CJ	Johnson et al., (1991) <i>Mol. Cell. Biol.</i> 11:1
	CK	Kilian et al., "Isolation of a candidate human telomerase catalytic subunit gene, which reveals complex splicing patterns in different cell types," (1997) <i>Hum. Mol. Genet.</i> , 6:2011
	CL	Kipling and Cooke, "Hypervariable ultra-long telomeres in mice," (1990) <i>Nature</i> 347:400
↓	CM	Klobutcher et al., "All gene-sized DNA molecules in four species of hypotrichs have the same terminal sequence and an unusual 3' terminus," (1981) <i>Proc. Natl. Acad. Sci.</i> , 78:3016

Examiner Signature	<i>Dan Manz</i>	Date Considered	1/4/07
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¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE
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Sheet 7 of 10

Complete If Known

Application Number	To Be Assigned 10/044,539
Filing Date	Herewith
First Named Inventor	Cech, Thomas J.
Group Art Unit	To Be Assigned 1632
Examiner Name	To Be Assigned Lusto
Attorney Docket Number	015389-002630US

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DM	CN	Koehler and Milstein, "Continuous cultures of fused cells secreting antibody of predefined specificity," (1975) <i>Nature</i> 255:485	
	CO	Kosbor et al., "The production of monoclonal antibodies from human lymphocytes," (1983) <i>Immunol. Today</i> 4:72	
	CP	Lamond and Sproat, (1994) "Isolation and Characterization of Ribonucleoprotein Complexes," pp103-140	
	CQ	Lamond et al., "Probing the structure and function of U2 snRNP with antisense oligonucleotides made of 2'-OMe RNA," (1989) <i>Cell</i> , 58:383	
	CR	Lendvay et al., "Senescence mutants of <i>Saccharomyces cerevisiae</i> with a defect in telomere replication identify three additional EST genes," (1996) <i>Genetics</i> , 144	
	CS	Lingler et al., "Purification of telomerase from <i>Euplotes adeicus</i> : requirement of a primer 3' overhang," (1996) <i>Proc. Natl. Acad. Sci.</i> , 93:10712	
	CT	Lingler et al., "Reverse transcriptase motifs in the catalytic subunit of telomerase," (1997) <i>Science</i> , 276:581	
	CU	Lingner et al., "Telomerase RNAs of different ciliates have a common secondary structure and a permuted template," (1994) <i>Genes Develop.</i> , 8:1684	
	CV	Lingner et al., "Telomerase and DNA End Replication: No Longer a Lagging Strand Problem?," (1995) <i>Science</i> 269:1533	
	CW	Lowy et al., "Isolation of transforming DNA: Cloning the hamster aprt gene," (1980) <i>Cell</i> , 22:817	
	CX	Lustig and Petes, "Identification of yeast mutants with altered telomere structure," (1988) <i>Proc. Natl. Acad. Sci.</i> , 83:1398	
	CY	Maddox et al., "Elevated serum levels in human pregnancy of a molecule immunochemically similar to eosinophil granule major basic protein," (1983) <i>J. Exp. Med.</i> , 158:1211	
	CZ	Makarov et al., "Nucleosomal Organization of Telomere-Specific Chromatin in Rat," (1993) <i>Cell</i> , 73:775	
↓	DA	McEachern and Blackburn, "runaway telomere elongation caused by telomerase RNA gene mutation," (1995) <i>Nature</i> , 378:403	

Examiner Signature	<i>Dan M</i>	Date Considered	1/4/07
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 8 of 10

Complete If Known

Application Number	To Be Assigned 10/044,839
Filing Date	Herewith
First Named Inventor	Cech, Thomas J.
Group Art Unit	To Be Assigned 1632
Examiner Name	To Be Assigned Cieco
Attorney Docket Number	015389-002630US

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DM	DB	Melby <i>et al.</i> , "Quantitative measurement of human cytokine gene expression by polymerase chain reaction," (1993) <i>J. Immunol. Meth.</i> , 159:235	
	DC	Merrifield, "Solid phase peptide synthesis. I. The synthesis of a tetrapeptide," (1963) <i>J. Am. Chem. Soc.</i> , 85:2148	
	DD	Meyerson <i>et al.</i> , "hEST2, the Putative Human Telomerase Catalytic Subunit Gene, Is Up-Regulated in Tumor Cells and during Immortalization," (1997) <i>Cell</i> , 80:785	
	DE	Murray, <i>In McGraw Hill Yearbook of Science and Technology</i> , (1992) McGraw Hill, New York NY, pp 181-198	
	DF	Nakamura <i>et al.</i> , "Telomerase Catalytic Subunit Homologs from Fission Yeast and Human," (1997) <i>Science</i> , 277:955	
	DG	Nakayama <i>et al.</i> , "TLP1: A Gene Encoding a Protein Component of Mammalian Telomerase Is a Novel Member of WD Repeats Family," (1997) <i>Cell</i> , 88:875	
	DH	Nielsen <i>et al.</i> , (1993) "Peptide nucleic acids (PNAs): Potential antisense and anti-gene agents," <i>Anticancer Drug Des.</i> , 8:53	
	DI	Oka <i>et al.</i> , "Inverted terminal repeat sequence in the macronuclear DNA of <i>Styloynchia pustulata</i> ," (1990) <i>Gene</i> , 10:301	
	DJ	Olovnikov, "A theory of marginotomy: The incomplete copying of template margin in enzymic synthesis of polynucleotides and biological significance of the phenomenon," (1973) <i>J. Theor. Biol.</i> , 41:181	
	DK	Orlandi <i>et al.</i> , "Cloning immunoglobulin variable domains for expression by the polymerase chain reaction," (1989) <i>Proc. Natl. Acad. Sci.</i> , 86:3833	
	DL	Prescott, "The DNA of ciliated protozoa," (1994) <i>Microbiol. Rev.</i> , 58:233	
	DM	Price, (1993) <i>Blood Rev.</i> , 7:127	
	DN	Rhodes <i>et al.</i> , "Transformation of maize by electroporation of embryos," (1995) <i>Meth. Mol. Biol.</i> , 55:121	
✓	DO	Roberge <i>et al.</i> , "A strategy for a convergent synthesis of N-linked glycopeptides on a solid support," (1995) <i>Science</i> , 269:202	

Examiner Signature	<i>Paul H.</i>	Date Considered	1/4/07
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¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE
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Sheet 9 of 10

Complete if Known

Application Number	To Be Assigned 16041,539
Filing Date	Herewith
First Named Inventor	Cech, Thomas J.
Group Art Unit	To Be Assigned 1632
Examiner Name	To Be Assigned Cech
Attorney Docket Number	016389-002630US

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
BM	DP	Romero and Blackburn, "A conserved secondary structure for telomerase RNA," (1991) <i>Cell</i> , 67:343	
	DQ	Sambrook <i>et al.</i> , Molecular Cloning, A Laboratory Manual, Cold Spring Harbor Press, Plainview NY (1989)	
	DR	Sandell <i>et al.</i> , "Transcription of yeast telomere alleviates telomere position effect without affecting chromosome stability," (1994) <i>Proc. Natl. Acad. Sci.</i> , 91:12061	
	DS	Sanger <i>et al.</i> , "DNA sequencing with chain-terminating inhibitors," (1977) <i>Proc. Natl. Acad. Sci.</i> , 74:5463	
	DT	Scharf <i>et al.</i> , "Heat stress promoters and transcription factors," (1994) <i>Result Probl. Cell Differ.</i> 20:125	
	DU	Shampay and Blackburn, "Generation of telomere-length heterogeneity in <i>Saccharomyces cerevisiae</i> ," (1988) <i>Proc. Natl. Acad. Sci.</i> , 85:534	
	DV	Shean and Lewis, "Transposition of the LINE-like retrotransposon TART to <i>Drosophila</i> chromosome termini," (1994) <i>Proc. Natl. Acad. Sci.</i> , 91:12510	
	DW	Singer and Gottschling, "TLC1: Template RNA Component of <i>Saccharomyces cerevisiae</i> Telomerase," (1994) <i>Science</i> 266:404	
	DX	Starling <i>et al.</i> , "Extensive telomere repeat arrays in mouse are hypervariable," (1990) <i>Nucleic Acids Res.</i> , 18:6881	
	DY	Swanton <i>et al.</i> , "Arrangement of Coding and Non-coding Sequences in the DNA Molecules Coding for rRNAs in <i>Oxytricha</i> sp.," (1980) <i>Chromosoma</i> 77:203	
	DZ	Tommerup <i>et al.</i> , "Unusual chromatin in human telomeres," (1994) <i>Mol. Cell. Biol.</i> , 14:5777	
	EA	Trask, "Fluorescence <i>in situ</i> hybridization: application in cytogenetics and gene mapping," (1991) <i>Trends Genet.</i> , 7:149	
	EB	Verma <i>et al.</i> , "Human Chromosomes: A Manual of Basic Techniques," Pergamon Press, New York NY (1988)	
✓	EC	Watson, "Origin of concatemeric T7 DNA," (1972) <i>Nature New Biol.</i> , 239:197	

Examiner Signature	<i>Dadha</i>	Date Considered	1/4/07
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Sheet 10 of 10

Complete if Known

Application Number	To Be Assigned	10/644,539
Filing Date	Herewith	
First Named Inventor	Cech, Thomas J.	
Group Art Unit	To Be Assigned	1632
Examiner Name	To Be Assigned	Lislo
Attorney Docket Number	015389-002630US	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DN	ED	Weinrich et al., "Reconstitution of human telomerase with the template RNA component hTR and the catalytic protein subunit hTERT," (1997) <i>Nat. Genet.</i> , 17(4):498	
	EE	Wellinger et al., "Origin activation and formation of single-strand TG _n tails occur sequentially in late S phase on a Yeast linear plasmid," (1993) <i>Mol. Cell. Biol.</i> , 13:4037	
	EF	Wellinger et al., "Saccharomyces Telomeres Acquire Single-Strand TG _n Tails Late in S Phase," (1993) <i>Cell</i> 72:51	
	EG	Whitehead Institute/MIT Center for Genome Research, Genetic Map of the Mouse, Database Release 10, April 28, 1995	
	EH	Wigler et al., "Transfer of purified herpes virus thymidine kinase gene to cultured mouse cells," (1977) <i>Cell</i> , 11:223	
	EI	Wigler et al., "Transformation of mammalian cells with an amplifiable dominant-acting gene," (1980) <i>Proc. Natl. Acad. Sci.</i> , 77:3567	
	EJ	Winter and Milstein, "Man-made antibodies," (1991) <i>Nature</i> , 348:293	
	EK	Wright et al., "Saccharomyces telomeres assume a non-nucleosomal chromatin structure," (1992) <i>Genes Develop.</i> , 6:197	
	EL	Yu et al., "In vivo alteration of telomere sequences and senescence caused by mutated Tetrahymena telomerase RNAs," (1990) <i>Nature</i> , 344:126	
	EM	Zahler and Prescott, "Telomere terminal transferase activity in the hypotrichous ciliate <i>Oxytricha nova</i> and a model for replication of the ends of linear DNA molecules," (1988) <i>Nucleic Acids Res.</i> , 16:8953	
	EN	Zakian, Telomeres: Beginning to Understand the End," (1995) <i>Science</i> 270:1601	
✓	EO	Zaug et al., "Catalysis of RNA Cleavage by a Ribozyme Derived from the Group I Intron of Anabaena Pre-tRNA ^{Leu} ,"	

Examiner Signature	<i>Dalton</i>	Date Considered	1/4/07
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